

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	959	257/80.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2010/09/10 12:49
L2	8	I1 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/09/10 12:50
L3	310	257/E51.001.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2010/09/10 12:50
L4	58	I3 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/09/10 12:50
L5	28	257/E21.299.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2010/09/10 12:51
L15	7377	313/504.ccls.	US-PGPUB; USPAT	AND	ON	2010/09/10 13:38
L16	221	I15 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/09/10 13:38
L17	56	I15 (bipolar organic semiconductor layer (hole NEAR4 electrode) (electron NEAR4 electrode) space\$4 distance insulating photo \$1sensitive)	US-PGPUB; USPAT	AND	ON	2010/09/10 13:39
L18	2166	313/503.ccls.	US-PGPUB; USPAT	AND	ON	2010/09/10 13:39
L19	8	I18 (bipolar organic semiconductor layer (hole NEAR4 electrode) (electron NEAR4 electrode) space\$4 distance insulating photo \$1sensitive)	US-PGPUB; USPAT	AND	ON	2010/09/10 13:39
S1	76	((CHI HAYA) near2 (ADACHI)).INV.	US-PGPUB; USPAT	AND	ON	2010/03/16 16:24

S2	1	(10/586538).APP.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/16 16:27
S3	3	((NAOTOSHI) near2 (SUGANUMA)).INV.	US-PGPUB; USPAT	AND	ON	2010/03/16 16:29
S5	76	((CHI HAYA) near2 (ADACHI)).INV.	US-PGPUB; USPAT	AND	ON	2010/03/17 07:40
S6	3	((NAOTOSHI) near2 (SUGANUMA)).INV.	US-PGPUB; USPAT	AND	ON	2010/03/17 07:40
S7	10	(S5 OR S6) ((MITSUBISHI CHEMICAL CORPORATION) OR (KYOTO UNIVERSITY) OR (PIONEER CORPORATION) OR (ROHM)).AS.	US-PGPUB; USPAT	AND	ON	2010/03/17 07:40
S9	79	(Organic adj semiconductor) ((MITSUBISHI CHEMICAL CORPORATION) OR (KYOTO UNIVERSITY) OR (PIONEER CORPORATION) OR (ROHM)).AS.	US-PGPUB; USPAT	AND	ON	2010/03/17 07:44
S10	12	S9 @pd<= "20040120"	US-PGPUB; USPAT	AND	ON	2010/03/17 07:44
S11	2	(bipolar adj Organic adj semiconductor) ((MITSUBISHI CHEMICAL CORPORATION) OR (KYOTO UNIVERSITY) OR (PIONEER CORPORATION) OR (ROHM)).AS.	US-PGPUB; USPAT	AND	ON	2010/03/17 07:46
S12	2	("5085946").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 08:18
S13	2	("20010019133").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 08:18
S14	2	("6392340").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 08:19
S15	2	("6520819").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 08:20

S16	2	("5717051").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 08:20
S17	2	("20070024179").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 08:21
S18	2	("20020105005").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 08:22
S20	456	(light adj emit\$6) gate ((MITSUBISHI CHEMICAL CORPORATION) OR (KYOTO UNIVERSITY) OR (PIONEER CORPORATION) OR (ROHM)).AS.	US-PGPUB; USPAT	AND	ON	2010/03/17 08:24
S21	188	S20 organic	US-PGPUB; USPAT	AND	ON	2010/03/17 08:25
S23	28	S21 @pd<="20040120"	US-PGPUB; USPAT	AND	ON	2010/03/17 08:25
S26	3	("2003282884").PN.	JPO; DERWENT	OR	OFF	2010/03/17 15:56
S27	5	("2291696").PN.	JPO; DERWENT	OR	OFF	2010/03/17 15:57
S30	2569	(light adj emit\$6) gate (organic adj semiconductor)	US-PGPUB; USPAT	AND	ON	2010/03/17 16:00
S31	1470	(light adj emit\$6) gate (organic adj semiconductor) (insulat\$4 adj layer)	US-PGPUB; USPAT	AND	ON	2010/03/17 16:01
S32	3	(light adj emit\$6) gate (bi \$1polar adj organic adj semiconductor) (insulat\$4 adj layer)	US-PGPUB; USPAT	AND	ON	2010/03/17 16:01
S33	211	(light adj emit\$6) gate bi \$1polar (organic adj semiconductor) (insulat\$4 adj layer)	US-PGPUB; USPAT	AND	ON	2010/03/17 16:08
S34	67	(light adj emit\$6) gate (bi \$1polar SAME (organic adj semiconductor)) (insulat\$4 adj layer)	US-PGPUB; USPAT	AND	ON	2010/03/17 16:09
S36	4	S34 @ad<="20040120"	US-PGPUB; USPAT	AND	ON	2010/03/17 16:13

S37	2	("20060131562").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:27
S38	2	("7355199").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:31
S39	2	("20040069995").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:31
S40	2	("7061011").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:32
S41	2	("20050110005").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:33
S42	2	("20060068223").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:34
S43	2	("6759145").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:34
S44	2	("20040018383").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:35
S45	2	("6423429").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:36
S46	2	("20040018380").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:36

S47	2	("6565996").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:37
S48	2	("20050238910").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:37
S49	2	("20050112404").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:38
S50	2	("6465115").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:38
S51	2	("6582837").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:39
S52	2	("7151007").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:39
S53	2	("20040219386").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:40
S54	2	("6130001").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:40
S56	2	("6565996").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:41
S57	2	("6423429").PN.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:42

S58	2	("20050151466").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:42
S59	2	("6465115").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/17 16:43
S60	15	S33 @pd<="20040120"	US-PGPUB; USPAT	AND	ON	2010/03/17 16:46
S61	33	S33 @ad<="20040120"	US-PGPUB; USPAT	AND	ON	2010/03/17 16:50
S62	4195	257/40.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:05
S63	549	S62 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:05
S64	4	S62 ((light adj emit\$6) gate (bipolar adj organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:05
S65	727	257/57.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:09
S66	18	S65 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:10
S67	3630	257/72.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:14
S68	123	S67 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:14
S69	0	S67 ((light adj emit\$6) gate (bipolar adj organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:14
S70	0	S67 ((light adj emit\$6) (bipolar adj organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:15
S71	4089	257/347.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:15
S72	0	S71 ((light adj emit\$6) (bipolar adj organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:15
S73	41	S71 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:15
S74	257	257/794.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:16

S75	0	S74 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:16
S76	38	257/E51.012.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:17
S77	6	S76 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:17
S78	205	257/E51.018.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:18
S79	29	S78 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:18
S80	2517	438/108.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:25
S81	1	S80 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:25
S82	2894	438/197.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:26
S83	25	S82 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:26
S84	1516	438/99.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:33
S85	263	S84 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:33
S86	0	S84 ((light adj emit\$6) (bipolar adj organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:33
S87	12	S84 ((light adj emit\$6) (bipolar SAME (organic adj semiconductor)))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:34
S88	841	313/505.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:37
S89	1	S88 ((light adj emit\$6) (bipolar adj organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:37
S90	5432	313/506.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:37
S91	1	S90 ((light adj emit\$6) (bipolar adj organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:38
S92	1028	313/509.ccls.	US-PGPUB; USPAT	AND	ON	2010/03/18 07:38
S93	0	S92 ((light adj emit\$6) (bipolar adj organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:38

S94	16	S92 ((light adj emit\$6) gate (organic adj semiconductor))	US-PGPUB; USPAT	AND	ON	2010/03/18 07:38
S95	2	("5085946").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/18 07:54

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	0	(bipolar organic semiconductor layer (hole adj giving \$1receiving electrode) (electron adj giving \$1receiving electrode) space\$4 distance insulating sandwich\$4 (photo\$1sensitive adj laver)).CLM.	US-PGPUB; USPAT; UPAD	AND	ON	2010/09/10 13:32
L7	0	(bipolar organic semiconductor layer (hole adj giving \$1receiving electrode) (electron adj giving \$1receiving electrode) space\$4 distance insulating sandwich\$4 (photo\$1sensitive adj laver))	US-PGPUB; USPAT; UPAD	AND	ON	2010/09/10 13:32
L8	4	(bipolar organic semiconductor layer (hole NEAR4 electrode) (electron NEAR4 electrode) space\$4 distance insulating (photo \$1sensitive adj layer))	US-PGPUB; USPAT; UPAD	AND	ON	2010/09/10 13:33
L9	171	(bipolar organic semiconductor layer (hole NEAR4 electrode) (electron NEAR4 electrode) space\$4 distance insulating photo \$1sensitive)	US-PGPUB; USPAT; UPAD	AND	ON	2010/09/10 13:34
L10	29	I9 257/40.ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/09/10 13:34

L11	0	I9 257/80.ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/09/10 13:35
L12	57	I9 "257".clas.	US-PGPUB; USPAT; UPAD	AND	ON	2010/09/10 13:35
L13	75	I9 "313".clas.	US-PGPUB; USPAT; UPAD	AND	ON	2010/09/10 13:36
L14	22	I9 "438".clas.	US-PGPUB; USPAT; UPAD	AND	ON	2010/09/10 13:37

9/10/2010 1:41:34 PM

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